

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/15903

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C30B25/02 C30B25/18 H01L21/205 C30B9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C30B H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	WO 03/035945 A (KANBARA YASUO ;NICHIA CORP (JP); DORADZINSKI ROMAN (PL); AMMONO SP) 1 May 2003 (2003-05-01) cited in the application the whole document	1,2,6,7
P, X	WO 02/101120 A (KANBARA YASUO ;NICHIA CORP (JP); DORADZINSKI ROMAN MAREK (PL); DWI) 19 December 2002 (2002-12-19) cited in the application claims 81-85	1,2,6,7
X	FR 2 796 657 A (THOMSON CSF) 26 January 2001 (2001-01-26) page 7, line 22 - line 33	1,2,6
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

3 May 2004

Date of mailing of the international search report

13/05/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	LIU L ET AL: "Substrates for gallium nitride epitaxy" MATERIALS SCIENCE AND ENGINEERING R: REPORTS, ELSEVIER SEQUOIA S.A., LAUSANNE, CH, vol. 37, no. 3, 30 April 2002 (2002-04-30), pages 61-127, XP004349792 ISSN: 0927-796X -----	

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Information on patent family members

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